

D.J.-S.D.	.70	20.00
S.D.-L.L.	5.00	15.00
Pull.	3.00	40.00
Bft.	1.00	
Bank	1.00	
L.B.-S.B.	5.25	
S.B. Sun	.25	
Orchard-H.	1.00	
Dinner	1.50	
Clark	3.00	
D.J.-S.P.	.70	
Bft.	9.0	
Wash	1.00	
Dinner	1.25	
		<u>15.45</u>

July 28th

Harvested July 17-24
77 Ton Capacity
Moisture cure
charcoal tablets

3 18' driers
1 8' 2nd drier

Benson - Owner
Turrentine - Export
Tanner - Plant Supr.
Beaufieu - Office

Formalin
for Robinson

1/2
200
3.00
1.00 - 30 pams

Kelt lighter than
Swat trip

UNITED STATES KELP PRODUCTS CO.
MANUFACTURING CHEMISTS
SUMMERLAND
CALIFORNIA

PRODUCTS

DECOLORIZING CARBON
POTASH SALTS
IODINE

RODNEY BENSON
PRESIDENT

KELPCHAR

UNITED STATES DEPARTMENT OF AGRICULTURE,
BUREAU OF SOILS.
INVESTIGATION OF FERTILIZER RESOURCES.
EXPERIMENTAL PLANT FOR THE EXTRACTION OF POTASH FROM KELP.
SUMMERLAND, CALIFORNIA.

April 25, 1922.

Capt. W. C. Crandall,
Scripps Biological Institute,
La Jolla, California.

Dear Crandall:

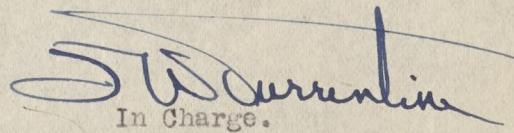
I have your esteemed favor of the 24th instant with enclosures. I shall recommend to the gentleman who wants to provide cattle with a full mineral ration that he feed them kelp.

We delivered the kelp plant to our successor, Mr. Rodney Benson of Santa Barbara, on the first instant. I am staying here for two months to help in the rehabilitation of the plant. You will be interested to know that the purchaser is going ahead on an enlarged scale with liberal plans, is introducing economies that we recommended, and is showing every evidence of successful management. I predict great success.

I hope you will avail yourself of the first opportunity to run up to see the new plant and to get acquainted with the new people. You will find them nice people to meet, and I hope that you will be able to establish relations that are mutually both pleasant and profitable.

With kindest regards and best wishes, I am

Yours very sincerely,



JW Turrentine
In Charge.

JWTurrentine
ELB

PROBLEMS OF INTEGRATION IN THE 19TH CENTURY
IN THE ROMANTIC PERIOD
AND IN LITERATURE AND ART
IN THE 19TH CENTURY

COLLECTED AND ARRANGED BY
JOHN RICHARD GREEN

WITH AN INTRODUCTION BY
JOHN RICHARD GREEN

INTRODUCED AND ARRANGED BY
JOHN RICHARD GREEN

KELP NOTES.

The kelp beds from San Diego to Santa Barbara showing much thinner than on previous trip. Date of this trip July 28, 1922.

KELP COMPANIES.

The United States Kelp Products Company harvested July 17 to 24 inclusive. Capacity on plant 175 tons, having been increased to 3 first stage dryers, one 8 foot second stage dryer.

Uses to which the charcoal is to be put are possibly goiter cure and charcoal digestive tablets.

Officers of Company: Rodney Benson, President; Dr. J. W. Turrentine, General Manager; Turner, Plant Superintendent; Beaulieu, Office Man.

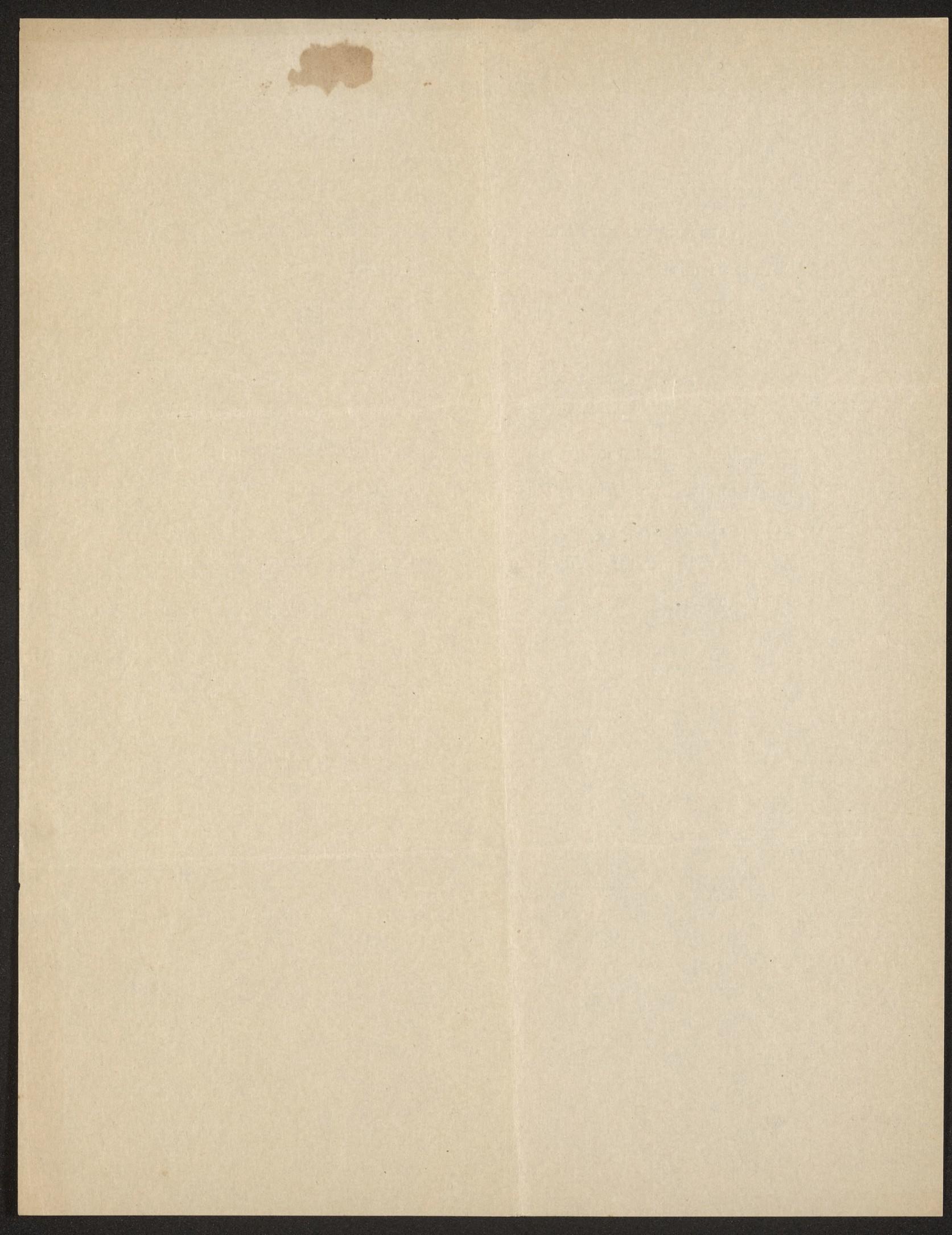
ИВВОС ВОИД

Kelp Investigation.

Visited Summerland Kelp Plant June 20. Found Dr. Turrentine at Santa Barbara, and Mr. Rodney Benson not in. Talked with Mr. Tanner, the Superintendent of the plant.

Boats Mayflower and the Sea Pilot's Barge No. 5 moored off end of the pier. No harvesting had been made. Expected to turn over plant about the 26th and commence harvesting soon afterward. Plant to handle about 150 tons per day.

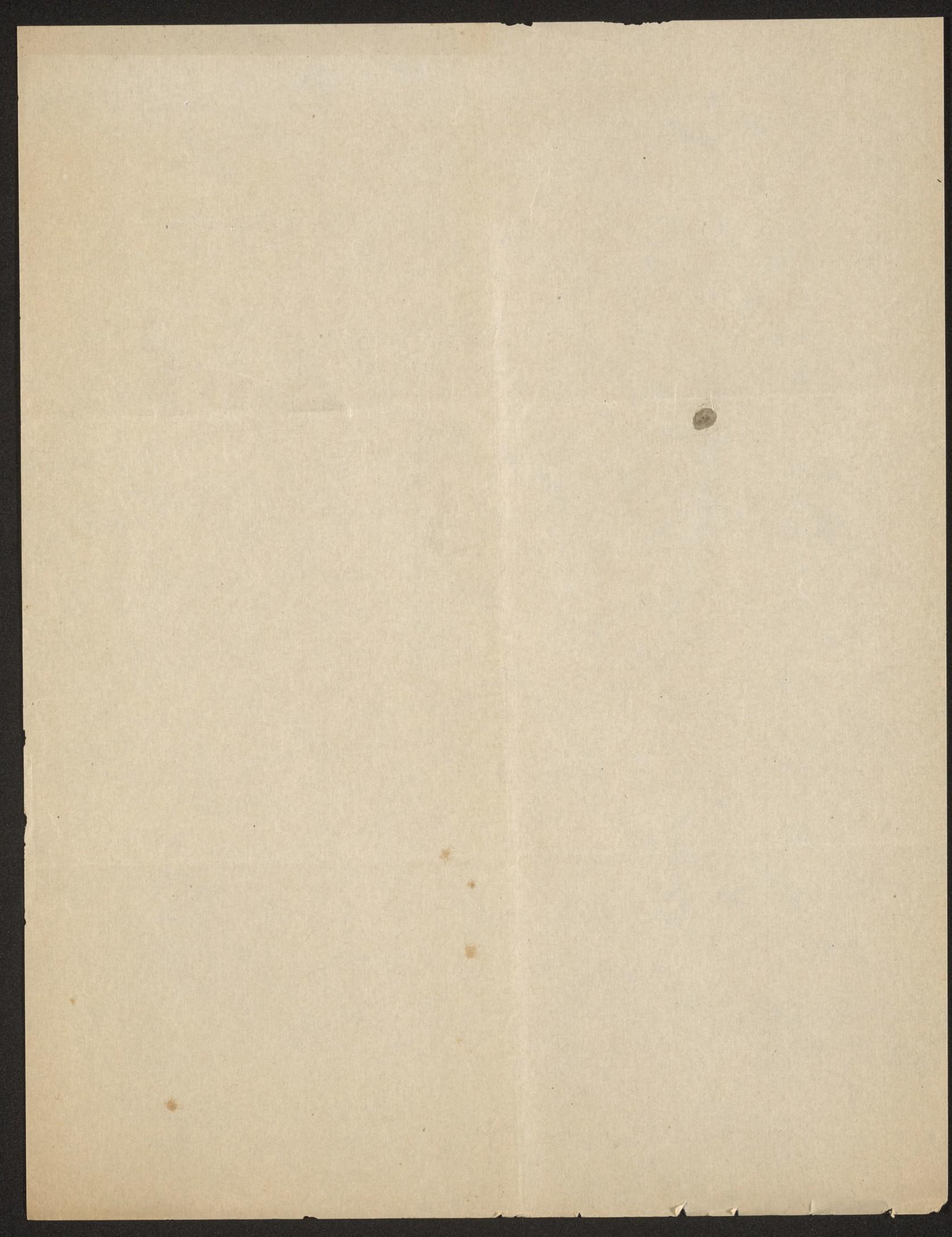
Advised Fish and Game Commission, San Pedro, of the above case.



June 21, 1922.

Kelp beds No. 5 heavy

" " Nos. 11 to 20 very heavy.



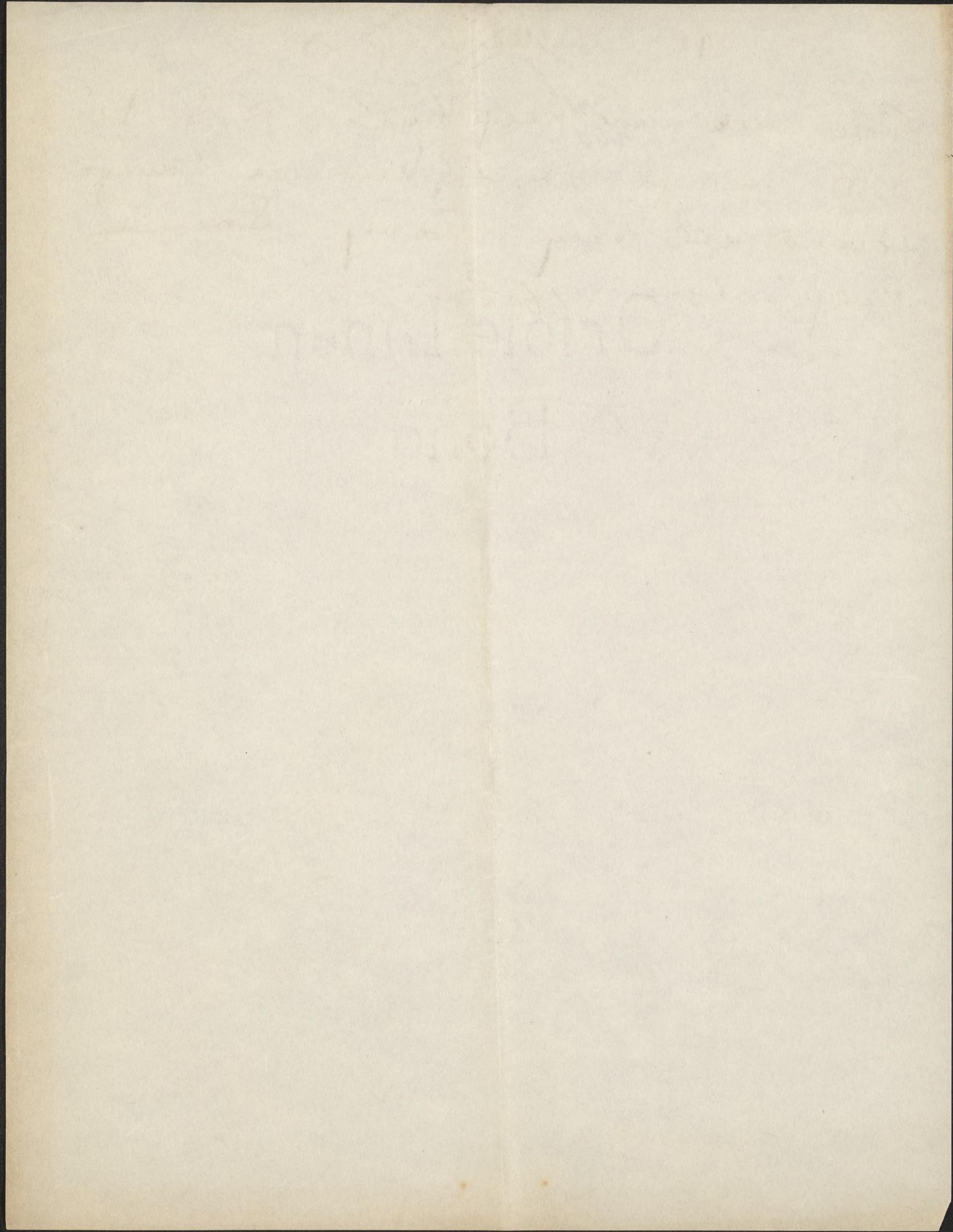
Oct. 29/30/21 Keep ^{KOD 20272} Examination - Oct. 29-30, 1921

1	H.	-	#
2	H	-	#
3	VH	-	#
4	VH	-	#
5	H	-	#
6	M	-	M
7	M	-	M
8	H	-	# #
9	VH	-	#
10	H	-	#
11	M	-	M
12	VH	-	#
13	VH	-	#
14	VH	-	#
15	M	-	M
16	-	-	
17	-	-	
18	M	-	
19	M	-	
20	H	-	
21	H	-	# #
22	VH	-	# #
23	T	-	# #
24			
25			
26			
27	26-29-20		

Große Linien
Bund

1922 - May - 21 - 22

Examined all reef beds S. J. +
S. B. except Santa Monica - Muq.,
found all very heavy. Some
reef ashore off # 4 x



JWT:BR

UNITED STATES DEPARTMENT OF AGRICULTURE

BUREAU OF SOILS

WASHINGTON

INVESTIGATION OF FERTILIZER RESOURCES

October 3, 1923.

Capt. W. C. Crandall,
Scripps Biological Institution,
La Jolla, Calif.

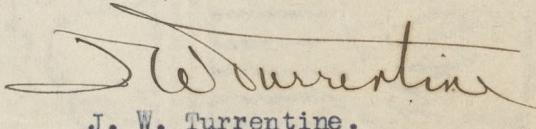
Dear Capt.-

Enclosed herewith I am sending you the galley proof of the Brandt paper. You will rejoice with me that this paper has made such progress. I think we can look forward to the early appearance of the finished bulletin.

I am sending this to you for your corrections. If there is anything that you wish to see altered please so indicate. Do not trouble to read the proof as that will be done here but you might read the text to see if there are any glaring errors or anything of the sort which you would like to see corrected. As we anticipate that the galley will be called for by the Printing Office at an early date, it might be well to hurry its return to us. However, if there are no corrections which you wish to make you need not bother to return the galley but merely drop us a line conveying the statement that you have looked it over.

With kindest regards and best wishes, I am

Yours very sincerely,



J. W. Turrentine.

Encl.

九月五日

，此處之人民。雖有
，其數目甚多。故
，則其數目

，其數目

，此處之人民。雖有
，其數目甚多。故
，則其數目

October 22, 1925

Dr. J. W. Turrentine,
Bureau of Soils,
Washington, D.C.

My dear Turrentine:

On my return Saturday I found the galley proof of the Brandt paper and I have gone through it since that time. I think that you have organized the work in excellent shape and that the facts are stated as correctly as possible in view of the situation that the author can not go through the paper for minor corrections. I think the paper will do as well as could be possibly expected under the circumstances.

I am mighty glad to know that we are finally to have this paper in print. For some time I have been anticipating getting out papers relative to the rate of growth, control of harvesting, etc., but these points are covered well enough so that those who may want to enter the kelp industry later will have the material available in this paper.

It may interest you to know that another kelp company, headed by Tamer, is figuring on starting a plant near National City. They are going to make kelp char. If anything develops out of this I will let you know more fully later. Only the initiatory steps have been started so far and nothing may come of it.

Mrs. Crandall and I have been wondering for some time what you were doing and how you had rearranged your work since returning to Washington. We are now in the position of wondering just what we will do next year as the reorganization due to the coming of Vaughan to the Institution will let me out of the work here and it will be necessary for me to enter into some other line. We shall regret leaving La Jolla in some ways, but it probably will be better for both of us as we have been in this seaside low altitude climate now for nearly twenty years. I think if I were able to locate in the mountains for a couple of years that it would do a lot to give me some more of my old fashioned pep.

With kindest regards and congratulations upon putting out the Brandt paper, I am

Sincerely yours,

CC/G

Business Manager.

2021.02.20

position at 6.20
will be second
O.D. notifications

forward each w

est to receive calling out favor I gathered minor un go
and that we be at the card even I have reason believe
occurred the license of draw out Bennington even they don't think I
not sufficient to give them an answer one about odd time has
not different up you have nothing out from nothing else to say
as of first place out taken I understand no reason not to be
as soon as possible out tables whenever yielding out before as far

even of yourself one on don't want or have you done as I
subscribing need even I am not one to take in most of it
for me strong he other side of evidence strong the united
States like have we are quite good bad, so, unanswered to
refer you usual place and reason of draw you can expect to fit on
representative of sidewall's information one reason likely

you see of calling last word of now commanding you to
lawrence town that's a mistake no guarantee of, reason of having
overlooked nothing if you do what you are you will
out you, until you're over word say for life I will be the
you didn't have nothing before need even people you don't
want to stop

and only one talk you know need even I have 11 hours, and
granted, and the day before I have nothing but the right out, very
fast you know is nothing and we are a. investigation of
gathering out of each nothingness, also many from the life as such
has been draw out to the as far life nothingness out of nothing to
a. out I think some other reason of the not you know as life is
yielding out and, and some other reason of private things I have
enforced with the head over as an eye to the not yet to be of life
I think I am very glad you know not the details about this you
are to place a not an opinion of all of you or else draw I
believe also to the atom since on eye of the of life to date
you

the earliest news always the latest news I have
in I am not drawing out

about 1900-02

EXCAVATING
SEWER WORK
CONCRETE WORK
SIDEWALKS
GRADING
PUBLIC BUILDINGS

PAVING AND ROAD WORK

JAMES T. CORNWALL

ENGINEERING CONTRACTOR

SANTA BARBARA, CALIFORNIA
Santa Paula, Calif., Nov. 8 1923

BUNGALOWS
APARTMENTS
WATER
DEVELOPMENT
IRRIGATION
SYSTEMS
SURVEYING
ENGINEERING

Prof. W.C. Crandall,
Scripps Institution of Biological Research,
LA JOLLA, CALIF.

Dear Sir; -

We understand that a Mr. Tanner of Los Angeles, is organizing a Company for the manufacture of Kelp Products; We, also, are informed that you are in a position to furnish us with his address.

We shall be greatly obliged, if you know Mr. Tanner's initials and address, if you will kindly send same to us in the inclosed self addressed envelope.

We have recently bought the Government Kelp plant at Summerland, Cal., and are dismantelling it and have much material that a new concern might use to a good advantage and a very large saving in money.

Thanking you for this courtesy, I am,

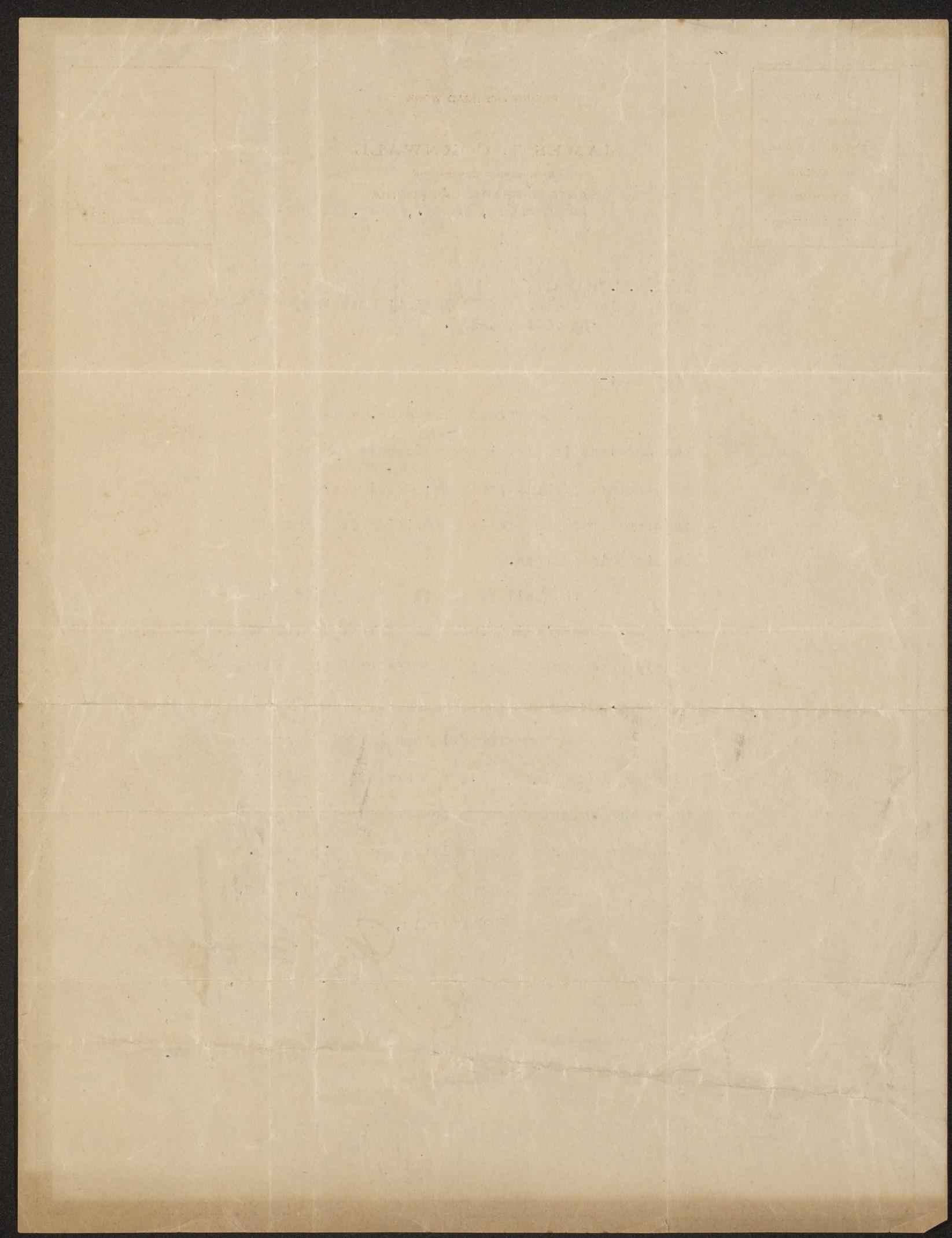
Yours truly,

James T. Cornwall
James T. Cornwall,

343 W. Pleasant Street,

JTC/EP

Santa Paula, Cal.



National City Calif.
P. I Box 266
Nov. 15 1923

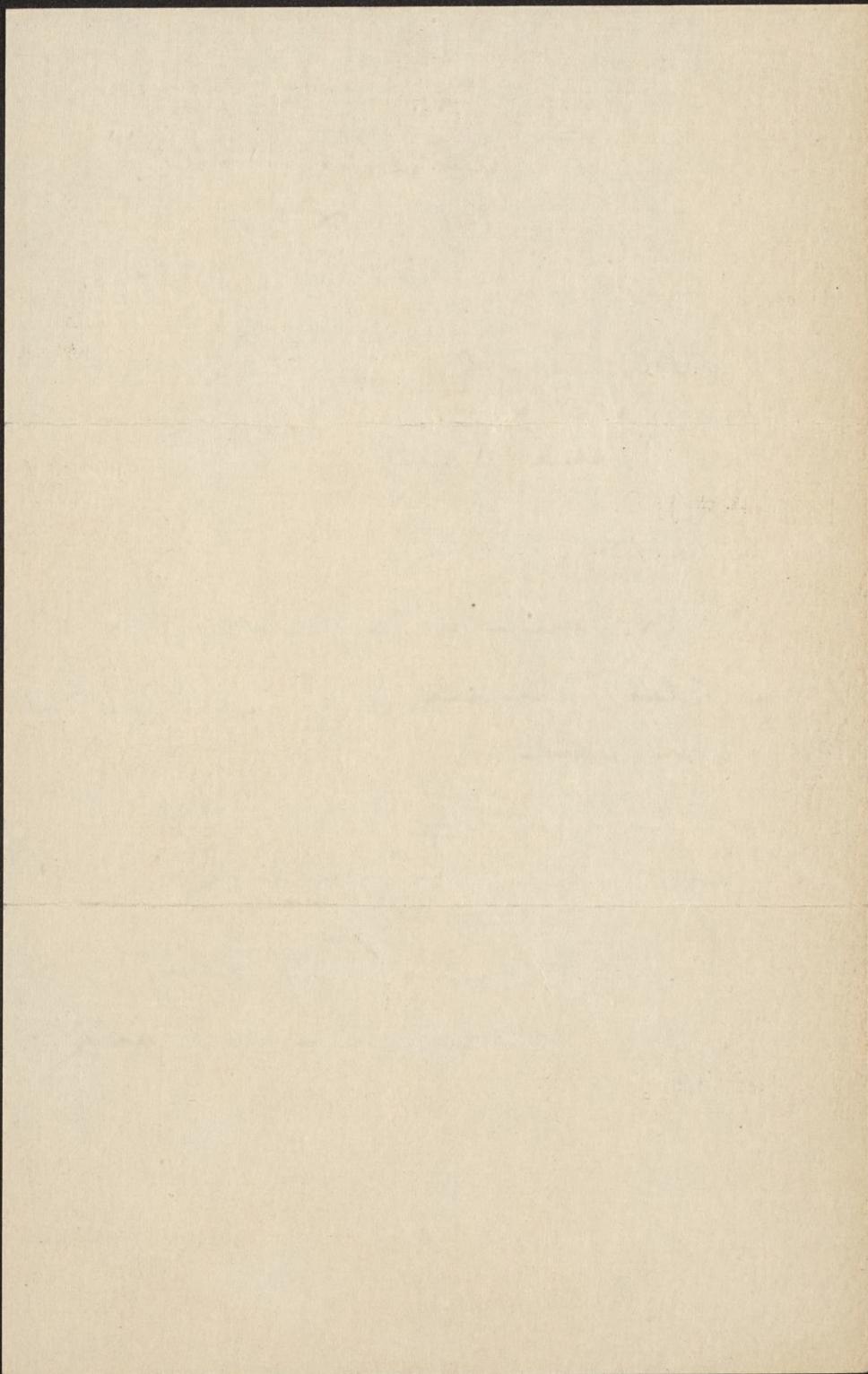
Prof. W.C. Crandall
Biological Sta
La Jolla Calif.

Dear Prof. Crandall

Mr. Tanner's address is
Charles Tanner 1847 West 46th St.
Los Angeles.

I am sorry I was not at
home when you called.

Yours very truly
A. Warren Shepard



Nov. 16th 1923

James T. Cornwall,

Santa Paula, Calif.

Dear sir:

I have had some difficulty finding out the present status of the National Kelp Products Co. This company is now looking for a site and the manager is Charles Tanner, 1847 West 46th St., Los Angeles.

Very truly yours

Business Manager.

PEACE AND LOVE

REMEMBER, I AM WITH YOU

PEACE, LOVE, HOPE

BE UNAFRAID OF THE PAIN IT TAKES TO HEAL
YOU ARE SPECIAL AND BEAUTIFUL, YOU ARE LOVED BY GOD
AND ALL THOSE WHO CARE FOR YOU, YOU ARE SOLOMON'S DAUGHTER

LOVE, PEACE, HOPE

DAUGHTER OF GOD

JWT: BR

UNITED STATES DEPARTMENT OF AGRICULTURE
BUREAU OF SOILS
WASHINGTON

INVESTIGATION OF FERTILIZER RESOURCES

February 16, 1924.

Capt. W. C. Crandall,
The Scripps Institution for Biological Research,
University of California,
La Jolla, Calif.

Dear Crandall:

I am glad to have your note of the 5th inst. giving me the name and address of the president of the National Kelp Products Company. This information was timely for I just had an inquiry from a Mr. Alan Walker, of Los Angeles, as to where he could secure a copy of the moving picture taken of the Summerland plant. My recollection is that Zahn's company is the one that had the picture made.

I am glad to note that letters still come from you at La Jolla and trust that it means that you have come to favorable arrangements with the Institution and its overlords.

With kindest regards and best wishes, I am

Yours very sincerely,


J.W. Turrentine.

AMERICAN LIBRARY
UNIVERSITY OF TORONTO LIBRARY
SERIALS SECTION
SERIALS

11/29/30

Dr. Frank K. Cameron,

Washington, D.C.

My dear Dr. Cameron:

By this time you are wondering what has become of the kelp of the Pacific Ocean, I suspect. Well it is all there due to the fact that one trouble after another has developed that has held us back. So I will start at the beginning, and let you have the whole story.

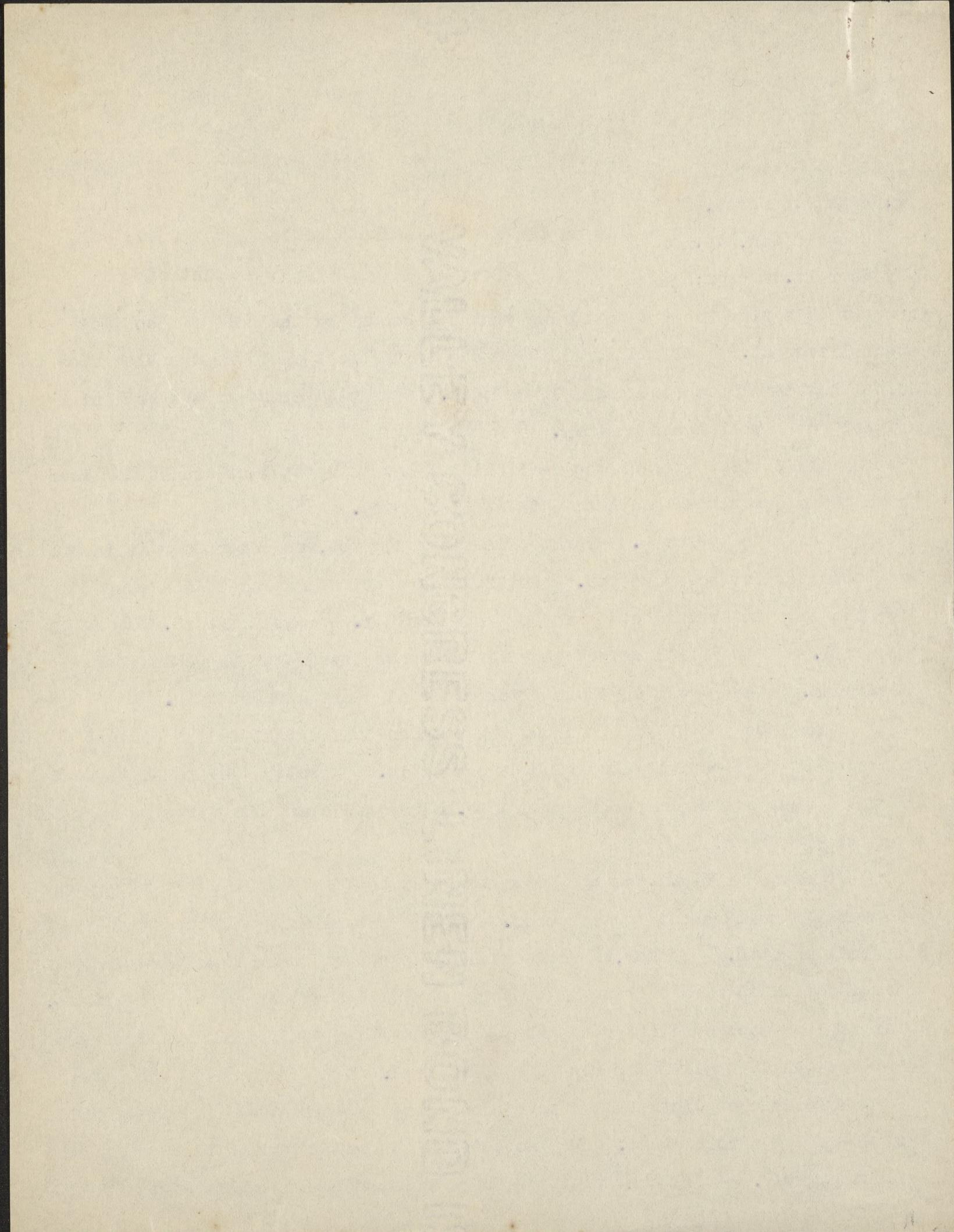
First I had to finish the road which I have done so that trucks and four horse teams can get up and back without difficulty.

Then came the oven. The top is not ready yet, the compressor is in and the motor set but no juice yet. Got 20 bbls of oil and placed in a sump and then the sump leaked and so I have to get more oil. That meant 25.00 gone to the devil. Now I will have to have a tank made because of the character of the ground. Then I was shy 2000 brick and that meant a short wait.

Then I began to fill in about the oven and the weight of dirt was too much so that it began to start towards caving in. Result I had to shore it up and now I have to put in permanent braces. The walls are not strong enough to stand the pressure.

Tomorrow at 6 A.M. we are going to start cutting kelp, and try to get under way for burning about Tuesday noon. After that is done then I can send you some real results. So far, there is nothing to report other than the continued work of catching a failing point here and there and then going to it again. I have really meant considerable work to even get this small plant in readiness and I hope that it will be ready in a short time.

However the points that I have been going up against will prove of value when we get to a real plant. The necessity for real experimental work is very evident however. The mere detail of correct construction of the ovens is I see



the time already spent.

We are still figuring on that 40 acres and I can see that there will be many reasons while it would be advisable to consider the point of land very carefully. I think that we can work out some very satisfactory method of handling the proposition and be there right off the beds.

I saw Kettner last Monday and he will do his best to get a leave for you so that you can feel free to work and still not feel that you can't resign whenever you want to with n six months. So I can see no reason why we should not be able to make Mrs.Cameron feel that everything has been done to make the game a safe one from every standpoint.

I trust that you and Mrs.Cameron had a pleasant journey home and that the trip was a successful one from all points.

With best wishes to you and the lady, I am

Sincerely yours,

